



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C08J 5/00, C08F 246/00	A1	(11) International Publication Number: WO 00/04078 (43) International Publication Date: 27 January 2000 (27.01.00)
<p>(21) International Application Number: PCT/GB99/02320</p> <p>(22) International Filing Date: 19 July 1999 (19.07.99)</p> <p>(30) Priority Data: 98305748.0 17 July 1998 (17.07.98) EP</p> <p>(71) Applicant (for all designated States except US): BIOCOPATIBLES LIMITED [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): MUIR, Andrew, Victor, Graham [GB/GB]; 5 Rupert Road, Guildford, Surrey GU2 5NE (GB). LENNON, Paula, Frances [GB/FR]; 24, Rue Boyer-Barret, F-75014 Paris (FR). WILLIS, Sean, Leo [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). REDMAN, Richard, Paul [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). COLLIAS, Anthony, Claude, Marie [FR/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).</p>	<p>(74) Agent: GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).</p> <p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>	
(54) Title: METHOD FOR PROVIDING COATED MOULDED POLYMERIC ARTICLES		
<p>(57) Abstract</p> <p>A method in which a mould is coated with a reactive polymer, a liquid curable composition is filled into the mould and cured under conditions such that the reactive polymer becomes covalently bonded to the cured bulk mould material at the interface. The reactive polymer has zwitterionic groups to confer improved biocompatibility on the moulded product. The reactive group on the reactive polymer is conveniently an ethylenically unsaturated group. The curable composition is suitably a radical polymerisable ethylenically unsaturated monomer mixture or a platinum-curable liquid silicone composition.</p>		